

MINUTES OF THE  
MARICOPA ASSOCIATION OF GOVERNMENTS  
AIR QUALITY TECHNICAL ADVISORY COMMITTEE MEETING

Thursday, June 23, 2005  
MAG Office  
Phoenix, Arizona

MEMBERS PRESENT

Stephen Cleveland, City of Goodyear, Chairman  
Avondale: Michael Powell  
\*Buckeye: Carroll Reynolds  
\*Chandler: Jim Weiss  
\*El Mirage: Lucky Roberts  
Gilbert: Ken Maruyama for Tami Ryall  
Glendale: Doug Kukino  
Mesa: Tom Zuppan for Scott Bouchie  
Phoenix: Joe Gibbs for Gaye Knight  
Scottsdale: Larry Person  
\*Surprise: Jim Nichols  
Tempe: Oddvar Tveit  
\*Citizen Representative: Walter Bouchard  
\*American Lung Association of Arizona: Bill Pfeifer  
#Salt River Project: Dan Casiraro for Sunil Varma  
Southwest Gas Corporation: Brian O'Donnell  
\*Arizona Public Service Company: Jim Mikula  
\*Western States Petroleum Association: Gina Grey  
Valley Metro: Susan Tierney for Randi Alcott  
\*Arizona Motor Transport Association: Dave Berry  
Maricopa County Farm Bureau: Jeannette Fish  
\*Arizona Rock Products Association: Rusty Bowers  
\*Greater Phoenix Chamber of Commerce: Michelle Rill

\*Associated General Contractors: Amanda McGennis  
\*Homebuilders Association of Central Arizona:  
Connie Wilhelm-Garcia  
American Institute of Architects - Central Arizona:  
Michael Kolejka for Stephen J. Andros  
\*Valley Forward: Peter Allard  
University of Arizona - Cooperative Extension:  
Patrick Clay  
Arizona Department of Transportation: Beverly Chenausky  
Arizona Department of Environmental Quality: Diane Arnst for Peter Hyde  
Environmental Protection Agency: Wienke Tax  
Maricopa County Air Quality Department: Jo Crumbaker  
\*Arizona Department of Weights and Measures:  
Duane Yantorno  
Federal Highway Administration: Jermaine Hannon for Ed Stillings  
\*Arizona State University: Judi Nelson  
Salt River Pima-Maricopa Indian Community: Stan Belone for B. Bobby Ramirez  
\*Citizen Representative: David Rueckert

\*Members neither present nor represented by proxy.  
#Participated via telephone conference call.  
+Participated via video conference call.

OTHERS PRESENT

Lindy Bauer, Maricopa Association of Governments  
Dean Giles, Maricopa Association of Governments  
Julie Hoffman, Maricopa Association of Governments  
Cathy Arthur, Maricopa Association of Governments  
Brenda Day, Maricopa Association of Governments  
Jeff Baxter, Stevens & Stevens, P.C.  
Scott Di Biase, Pinal County

Bree Desmond, Salt River Pima-Maricopa Indian Community  
Cathy Chaberski, City of Glendale  
Kathleen Sommer, Arizona Department of Transportation  
Laura Tsosie, Arizona Department of Transportation  
Tami Stowe, House of Representatives  
Michael Authement, City of Scottsdale

1. Call to Order

A meeting of the MAG Air Quality Technical Advisory Committee was conducted on June 23, 2005. Stephen Cleveland, City of Goodyear, Chairman, called the meeting to order at approximately 1:40 p.m. Dan Casiraro, Salt River Project, attended the meeting via telephone conference call.

2. Call to the Audience

Mr. Cleveland stated that, according to the MAG public comment process, members of the audience who wish to speak are requested to fill out comment cards, which are available on the table adjacent to the doorway inside the meeting room. Citizens are asked not to exceed a three minute time period for their comments. Public comment is provided at the beginning of the meeting for nonagenda items and nonaction agenda items. Mr. Cleveland noted that no public comment cards had been received.

3. Approval of the May 23, 2005 Meeting Minutes

The Committee reviewed the minutes from the May 23, 2005 meeting. Larry Person, City of Scottsdale, moved and Doug Kukino, City of Glendale, seconded and the motion to approve the May 23, 2005 meeting minutes carried unanimously.

4. Draft 2005 MAG Conformity Analysis for the Draft FY 2006-2010 MAG Transportation Improvement Program and Draft Regional Transportation Plan - 2005 Update

Cathy Arthur, Maricopa Association of Governments, presented the Draft 2005 Conformity Analysis for the Draft FY 2006-2010 MAG Transportation Improvement Program (TIP) and Draft Regional Transportation Plan - 2005 Update. The Draft 2005 Conformity Analysis concludes that the FY 2006-2010 MAG TIP and Draft Regional Transportation Plan - 2005 Update meet all applicable federal conformity requirements and are in conformance with the applicable air quality plans.

Ms. Arthur discussed the conformity requirements, and presented the results of the conformity budget test for PM-10, carbon monoxide, and one-hour ozone (volatile organic compounds and nitrogen oxides). The eight-hour ozone nonattainment plan is due June 15, 2007. Until then, two emissions tests for conformity will be used for the eight-hour ozone standard, the adjusted one-hour ozone budgets and the no-greater-than-2002 baseline emissions. Ms. Arthur presented the emissions test for eight-hour ozone and provided a conformity schedule.

Ms. Arthur reviewed the response to public comments on the Draft 2005 MAG Conformity Analysis for the Draft FY 2006-2010 MAG Transportation Improvement Program and Draft MAG Regional Transportation Plan - 2005 Update received at the June 16, 2005 public hearing. Testimony was presented at the public hearing by William "Blue" Crowley, Citizen. Written comments were received from Dianne Barker, Citizen, and by email from Wienke Tax, Environmental Protection Agency. Ms. Arthur gave a brief response to the comments received.

Joe Gibbs, City of Phoenix, made a motion to recommend approval of the Draft 2005 MAG Conformity Analysis for the Draft FY 2006-2010 MAG Transportation Improvement Program and

Draft Regional Transportation Plan - 2005 Update. Mr. Kukino seconded and the motion carried unanimously.

Jeannette Fish, Maricopa County Farm Bureau, commented that the Buckeye monitor is located within one-half mile from the edge of the PM-10 nonattainment area boundary. She mentioned that due to the prevailing wind direction, the Buckeye monitor may be measuring particulate levels from outside the nonattainment area. Ms. Arthur responded that the exceedance at the Buckeye monitor on June 21, 2005 still needs to be validated.

Jo Crumbaker, Maricopa County Air Quality Department, discussed siting of the monitors. She indicated that all areas in the PM-10 nonattainment area must meet the standard. As the region grows, the monitor locations may need to change. Mr. Gibbs asked if the Buckeye monitor exceeded or violated the PM-10 standard. Ms. Crumbaker replied that the exceedance at the Buckeye monitor is being analyzed to determine if it is the result of a natural/exceptional event. She added that the analysis will take approximately six months and she will report back with the results.

5. Redesignation to Attainment Status for the One-Hour Ozone Standard

Lindy Bauer, Maricopa Association of Governments, informed the Committee that on June 14, 2005, the Environmental Protection Agency published the final rule to redesignate the Maricopa County nonattainment area to attainment for the one-hour ozone standard. The final rule also approves the One-Hour Ozone Redesignation Request and Maintenance Plan, Serious Area One-Hour Ozone Plan and substitution of the clean fuel fleet program requirement with the cleaner burning gasoline program. The rule became effective June 14, 2005.

6. Update on Critical Issues with the Maricopa County Air Programs

Ms. Bauer addressed the Committee on two critical air quality issues that could impact the MAG Transportation Improvement Program and Regional Transportation Plan. Ms. Bauer stated that on May 18, 2005, the Environmental Protection Agency issued a Notice of Deficiency to Maricopa County for the County's Title V Permit Program for industrial sources. If the deficiencies are not corrected, it could jeopardize at least \$200 million worth of federally funded projects in the FY 2006-2010 MAG TIP. Ms. Bauer stated that a Work Plan from the County on how the deficiencies will be corrected is due to EPA in 90 days, or sanctions and a federal program to take over the County permit program may be imposed. In addition, deficiencies must be corrected within 18 months or EPA will impose sanctions along with a federal program in 24 months.

Ms. Bauer addressed the second critical issue. She stated that in June 2004, EPA requested that Maricopa County hire an additional 25-30 dust inspectors to enforce the Fugitive Dust Control Rules. Ms. Bauer mentioned that failure to enforce the dust control rules could jeopardize attainment of the PM-10 standard. She stated that in July 2004, the MAG Regional Council urged Maricopa County to immediately hire additional inspectors. In August 2004, the County Board of Supervisors provided \$1 million to hire 19 full time inspectors as contract employees. In November 2004, the County established the Air Quality Department. In May 2005, only seven inspectors of the 19 were on staff. Ms. Bauer mentioned that the fee rule revisions approved by the Board of Supervisors in May 2005 will enable a permanent funding source for the inspectors.

Ms. Bauer stated that attainment of the PM-10 standard is at risk and that clean data is needed for 2004, 2005, and 2006. If attainment is not met, a Five Percent Plan would be due December 31, 2007. She indicated that in 2004, one monitor exceeded the 24-hour standard and two exceeded the annual standard. To date, two monitors have exceeded the 24-hour standard in 2005. Ms. Bauer mentioned that on May 25, 2005, the MAG Regional Council requested that Maricopa County provide monthly updates to the MAG Management Committee and Regional Council on the progress being made regarding these issues.

Ms. Crumbaker provided an update on the strengthened enforcement efforts for the Maricopa County Fugitive Dust Control Rules. She discussed the personnel and operational changes that have occurred in the Title V Permit Program. Ms. Crumbaker indicated that in August 2004, the Board of Supervisors approved 19 dust control permit program staff and in February 2005, the Board approved 10 vacant lot staff. Currently, there are 18 filled positions and 22 vacancies. She added that the Maricopa County Air Quality Department is in the process of converting the contract positions to permanent.

Brian O'Donnell, Southwest Gas Corporation, asked if the new positions will report to one location. Ms. Crumbaker responded that there are three regional offices in addition to the downtown Phoenix location. She added that the County is setting up mobile offices as well. Mr. Kukino inquired about the number of facilities that hold Title V Permits. Ms. Crumbaker replied between 46 and 49 facilities.

Oddvar Tveit, City of Tempe, inquired about the new positions. Ms. Crumbaker replied that the Board approved 19 positions for the Dust Control Permit Program. Mr. Cleveland asked about the Title V operational changes. Ms. Crumbaker responded that the operational changes will improve consistency in applying the rules of the program.

7. Workshop on CMAQ Methodologies and PM-10 Certified Street Sweepers

Ms. Arthur informed the Committee that on June 28, 2005, MAG will conduct a workshop on the methodologies used to evaluate projects eligible for Congestion Mitigation and Air Quality Improvement funding. She indicated that at the September 30, 2004 Air Quality Technical Advisory Committee meeting, the Committee requested that a stakeholder group be formed to further discuss the methodology used in evaluating PM-10 certified street sweeper projects. Ms. Arthur added that members of the Committee are welcome to attend.

8. Call for Future Agenda Items

Michael Powell, City of Avondale, commented on the decrease in emissions with an increase in growth. He asked if new ordinances and statutes will be needed from the municipalities to achieve the decrease in emissions. Ms. Arthur responded that emissions will decrease due to the stricter federal Tier 2 light duty and heavy duty vehicle control standards. Mr. Cleveland suggested that discussion on vehicle travel and federal vehicle emission controls continue at the next meeting.

Mr. Gibbs inquired about the title for the region since EPA published the final rule to redesignate the Maricopa County nonattainment area to attainment for the one-hour ozone standard. Ms. Tax replied that the region has been redesignated from nonattainment to attainment. As a maintenance area, the region must assure that the one-hour ozone standard will be maintained through 2015.

Mr. Cleveland announced that the next meeting of the Committee has been tentatively scheduled for Thursday, August 4, 2005 if necessary. He encouraged the Committee to provide MAG staff with suggestions for future agenda items.